

Split  
ASAP  
Work Order ID 83829-4

Thursday, April 26, 2012 1:08:03 PM

\*83829\*

Page 1

Item ID: D4463-041

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Tank Top Assembly

Start Date: 4/26/2012 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 5/3/2012 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals: Process Plan: *mf*

Date: 12-04-28 Tooling:

Date:

Run Start \*NR1\*

QC:

Date: SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4463

C

100

0.00

\*100\*

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: *C*

Prog Rev: *C*

2-Deburr if necessary

110

QC2- Inspect parts off machine FAI/FAIB

0.00

\*110\*

QC

Memo

0.00

Quality Control

120

QC8- Inspect parts - second check

0.00

\*120\*

QC

Memo

0.00

Quality Control

*SM / NM*  
12-5-3

*SM / NM*  
12-5-3

*(C)*

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |  |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|      |      |                    |    |      |     |                                     |                          |  |
|      |      |                    |    |      |     |                                     |                          |  |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Work Order ID 83829

Thursday, April 26, 2012 1:08:03 PM

\*83829\*

Page 2

Item ID: D4463-041

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Tank Top Assembly

Start Date: 4/26/2012 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 5/3/2012 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

\*130\*

Small Fab

Small Fab

NC BRAKE

Memo

C"SINK HOLES AS PER DWG

0.00

0.00

1X

*[Signature]*  
12/05/03

140

\*140\*

QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

*Sr 6/12/03*

*[Signature]*

150

\*150\*

HandFinish

Hand Finishing

Chemical Conversion-Coat per QSI005 4.1

Memo

0.00

0.00

*[Signature]* *[Signature]*

*Ac*  
12.05.03

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



# Work Order ID 83829

Thursday, April 26, 2012 1:08:03 PM

\*83829\*

Page 3

Item ID: D4463-041

Accept

\*N9000040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Tank Top Assembly

Start Date: 4/26/2012 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 5/3/2012 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

160

QC7-Inspect Chemical Conversion Coat

0.00

\*160\*

QC

Memo

0.00

Quality Control

IX

*[Signature]* 4/26/12

170

0.00

\*170\*

Small Fab

Memo

0.00

Small Fab

INSTALL ANCHOR NUTS AS PER DWG

IX

*[Signature]* 4/26/12

180

QC5- Inspect part completeness to step on W/O

0.00

\*180\*

QC

Memo

0.00

Quality Control

*5 relab 4*

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 83829**

Thursday, April 26, 2012 1:08:03 PM

**\*83829\***

Page 4

Item ID: D4463-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Tank Top Assembly

Start Date: 4/26/2012 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 5/3/2012 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursTool ID Tool # Plan  
Code Accept  
Qty Reject  
Qty Reject  
Number Insp.  
Stamp

190

Identify as per dwg & Stock Location: UWA

0.00

**\*190\***

Packaging

Memo

0.00

Packaging

200

QC21- Final Inspection - Work Order Release

0.00

**\*200\***

QC

Memo

0.00

Quality Control

12/5/74

11205-4

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



# Picklist Print

Thursday, April 26, 2012 1:08:02 PM

Page 1

Work Order ID: 83829  
Parent Item: D4463-041  
Parent Item Name: Tank Top Assembly

Start Date: 4/26/2012 Required Date: 5/3/2012  
Start Qty: 4.00 Required Qty: 4.00

Comments: IPP REV:A 12.03.08 NEW ISSUE DD VERF:EC  
DWG REV.B DD VERF:EC IPP REV:B 12.04.25 AS PER

| Component Item ID/<br>Item Name    | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M6061T6S.063<br>6061-T6 .063 Sheet |                        | Purchased     | No          |                     |                  | 100             | sf                 | 286.8422       | 3.864       | 15.456       |               |                |        |

Location Loc Qty Loc Code

MAT021 286.8422000

113608 0

116308 6.01556842

117285 67.544

119331 44.2

119802 20.94

120218 21

120866 127.142632

MS20426AD3  
RIVET

Purchased No

121578

170 Each 3,280.0000

48 192

Location Loc Qty Loc Code

ST316 3280

104374 614

110398 2666

NAS1473R3  
Anchor Nut

Purchased No

170 Each 84.0000

24 96

Location Loc Qty Loc Code

GA 60

121287 60

ST278 24



121236 24

24

Handwritten notes and signatures:  
121578 (15.4)  
12/05/12-5-3  
M12/04  
48x  
PTO  
12/05/12

W/O: 83829-4

## WORK ORDER CHANGES

| DATE   | STEP | PROCEDURE CHANGE  | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr  | Approval<br>QC Inspector  |
|--------|------|---|----|------|-----|--|---|
| 120503 |      | MS20426 AD 3-4 should be MS20426 AD 3-2<br>Permanent Change |    |      |     | <br>09/04 | <br>120503 |
|        |      |   |    |      |     |  |   |

Part No: D4463-041 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

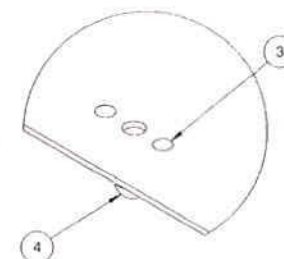
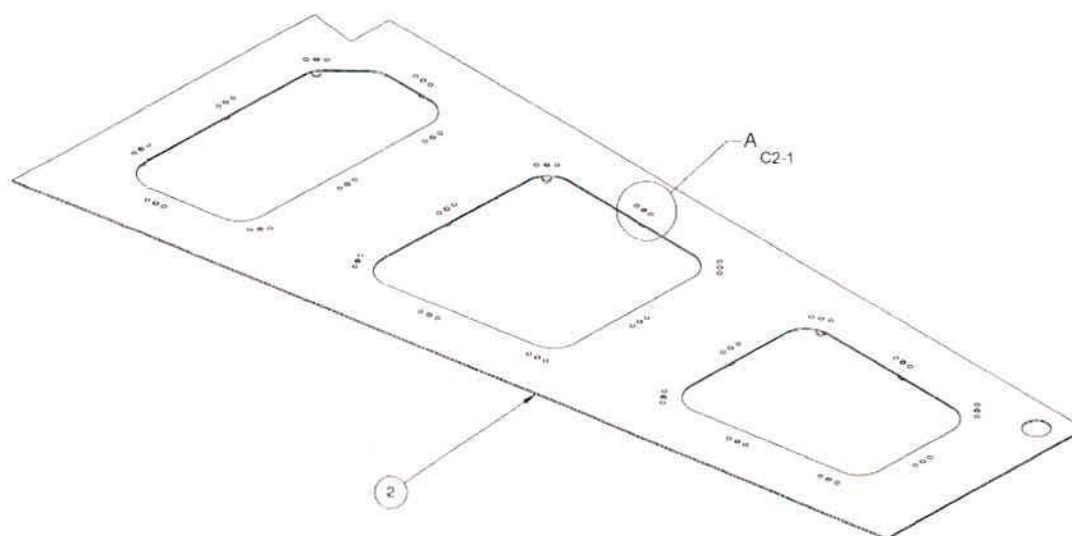
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date &amp; initial all entries

| ITEM NO. | QTY.<br>-041 | PART NUMBER  | DESCRIPTION       |
|----------|--------------|--------------|-------------------|
| 1        | X            | D4463-041    | TANK TOP ASSEMBLY |
| 2        | 1            | D4463-1      | TANK TOP          |
| 3        | 48           | MS20426AD3-4 | RIVET             |
| 4        | 24           | NAS1473R3    | ANCHOR NUT        |

# 83529



DETAIL A  
C4-1

D4463-041 TANK TOP ASSEMBLY

RELEASE  
2012-04-24

- NOTES:  
 1) MATERIAL: N/A  
 2) FINISH: N/A  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
 6) IDENTIFICATION: N/A  
 7) WEIGHT: 1.76 lbs

|            |  |   |          |
|------------|--|---|----------|
| C          | ADD DIMS: ZN B5-5, D5-5, B2-11, B7-11, D3-11 ADD -13, MODIFY -11-11      | DC  | 12.03.23 |
| B          | ADD D4463-041, ZN C5-1, UPDATED -11-3/5-7/9, COMBINED -11 & -13 INTO -11 | DC  | 11.12.14 |
| A          | NEW ISSUE  | DC  | 11.10.19 |
| REV        | DESCRIPTION  | BY  | DATE     |
| DESIGN     | DC   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA<br>DRAWING NO. <b>D4463</b> REV. C<br>SHEET 1 OF 14<br>TITLE <b>TANK</b> SCALE NTS<br>DATE <b>12.03.23</b><br><small>COPYRIGHT © 2011 BY DART AEROSPACE LTD<br/>         THIS DOCUMENT IS UNCLASSIFIED AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR FOR DISSEMINATION TO ANY OTHER PERSONS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small> |          |
| DRAWN      | DC   |   |          |
| CHECKED    | DC   |   |          |
| MFG. APPR. | DC   |   |          |
| APPROVED   | DC   |   |          |
| DE APPR.   | DC   |   |          |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

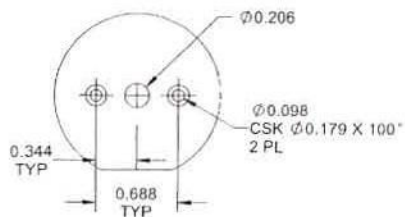
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

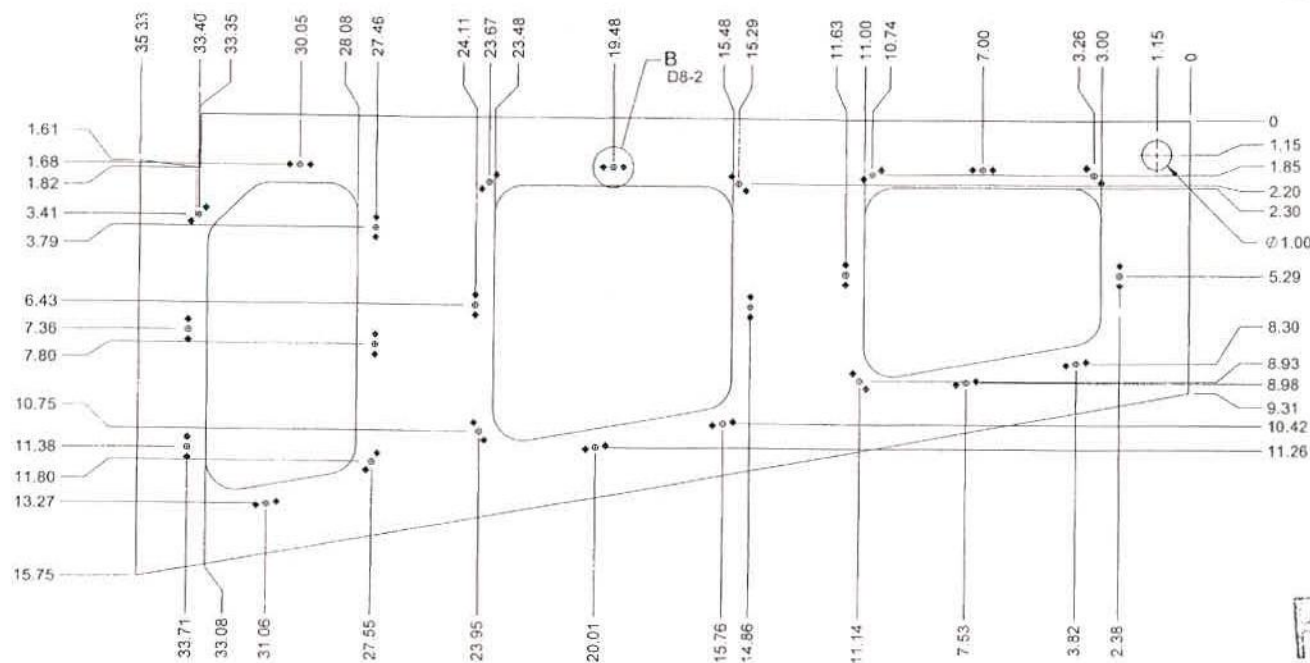
**NOTE:** Date & initial all entries





**DETAIL B**  
**(24 PL)**  
C5-2

0.063  
REF



**D4463-1 TANK TOP**

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.063 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027 OR ASTM B209  
REF DART SPEC M6061T6S.063
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.70 lbs

|  |          |  |               |
|--|----------|--|---------------|
| DESIGN   | BC       | <b>DART AEROSPACE LTD</b>              |               |
| DRAWN  | BC       | HAWKESBURY, ONTARIO, CANADA            |               |
| CHECKED  | BE       | DRAWING NO.                            | REV. C        |
| MFG. APPR.   | BE       | <b>D4463</b>                           | SHEET 2 OF 14 |
| APPROVED   | MA       | TITLE                                  | SCALE         |
| DE APPR.   | MA       | <b>TANK</b>                            | NTS           |
| DATE   | 12.03.23 | COPYRIGHT © 2011 BY DART AEROSPACE LTD |               |
| THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON OR ENTITY WITHOUT EXPRESS WRITTEN PERMISSION FROM DART AEROSPACE LTD. |          |  |               |

RELEASE  
R 2012-04-24

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |  |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|      |      |                    |    |      |     |                                     |                          |  |
|      |      |                    |    |      |     |                                     |                          |  |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

|  |                               |
|--|-------------------------------|
| <b>DART AEROSPACE LTD</b>                    | <b>Work Order:</b> 93809      |
| <b>Description:</b> TANK TOP ASSEMBLY        | <b>Part Number:</b> D4463-041 |
| <b>Inspection Dwg:</b> D4463-1 <b>Rev:</b> C | <b>Page 1 of 1</b>            |

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article     ☒ Prototype

| Drawing Dimension | Tolerance     | Actual Dimension | Accept | Reject | Method of Inspection | Comments       |
|-------------------|---------------|------------------|--------|--------|----------------------|----------------|
| 0.098             | + .004 - .001 | 0.100            | ✓      |        | Vern                 | HB-02          |
| 0.206             | + .005 - .001 | 0.208            | ✓      |        | Vern                 | HB-02          |
| 1.00              | + .012 - .001 | 0.999            | ✓      |        | Vern                 | HB-02          |
| 1.15              | ± .03         | 1.162            | ✓      |        | Vern                 | HB-02          |
| 1.83              | ± .03         | 1.856            | ✓      |        | Vern                 | HB-02          |
| 2.26              | ± .03         | 2.201            | ✓      |        | Vern                 | HB-02          |
| 2.36              | ± .03         | 2.315            | ✓      |        | Vern                 | HB-02          |
| 5.29              | ± .03         | 5.299            | ✓      |        | Vern                 | HB-02          |
| 8.30              | ± .03         | 8.317            | ✓      |        | Vern                 | HB-02 Prod w/3 |
| 8.93              | ± .03         | 8.939            | ✓      |        | Vern                 | HB-02 "        |
| 8.98              | ± .03         | 8.989            | ✓      |        | Vern                 | HB-02 "        |
| 9.31              | ± .03         | 9.314            | ✓      |        | Vern                 | HB-02 "        |
| 10.43             | ± .03         | 10.418           | ✓      |        | Vern                 | Prod w/3-02    |
| 11.26             | ± .03         | 11.253           | ✓      |        | Vern                 | Prod w/3-02    |
| 1.61              | ± .03         | 1.614            | ✓      |        | Vern                 | HB-02          |
| 1.68              | ± .03         | 1.68             | ✓      |        | Vern                 | HB-02          |
| 1.82              | ± .03         | 1.827            | ✓      |        | Vern                 | HB-02          |
| 3.41              | ± .03         | 3.416            | ✓      |        | Vern                 | HB-02          |
| 3.79              | ± .03         | 3.794            | ✓      |        | Vern                 | HB-02          |
| 6.43              | ± .03         | 6.433            | ✓      |        | Vern                 | HB-02          |
| 7.36              | ± .03         | 7.374            | ✓      |        | Vern                 | HB-02          |
| 7.80              | ± .03         | 7.866            | ✓      |        | Vern                 | HB-02          |
| 10.5              | ± .03         | 10.749           | ✓      |        | Vern                 | HB-02          |

| <b>Measured by:</b> <u>SM</u><br><b>Date:</b> 12-5-1   | <b>Audited by:</b> <u>8</u><br><b>Date:</b> 7/6/03 | <b>Prototype Approval:</b><br><b>Date:</b> |        |   |  |           |   |            |          |        |  |
|--|--|--|--------|---|--|-----------|---|------------|----------|--------|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Rev</th> <th>Date</th> <th>Change</th> </tr> <tr> <td>A</td> <td></td> <td>New Issue</td> </tr> </table> | Rev  | Date                                       | Change | A |  | New Issue | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Revised by</th> <th>Approved</th> </tr> <tr> <td>KJ/JLM</td> <td></td> </tr> </table> | Revised by | Approved | KJ/JLM |  |
| Rev  | Date   | Change                                     |        |   |  |           |   |            |          |        |  |
| A  |  | New Issue                                  |        |   |  |           |   |            |          |        |  |
| Revised by   | Approved   |  |        |   |  |           |   |            |          |        |  |
| KJ/JLM   |  |  |        |   |  |           |   |            |          |        |  |



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |  |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|      |      |                    |    |      |     |                                     |                          |  |
|      |      |                    |    |      |     |                                     |                          |  |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries


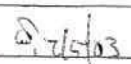


|                                |                        |
|--------------------------------|------------------------|
| DART AEROSPACE LTD             | Work Order: 93929      |
| Description: TANK TOP ASSEMBLY | Part Number: D4463-041 |
| Inspection Dwg: D4463-1 Rev: 1 | Page 1 of 1            |

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article     ☒ Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments    |
|-------------------|-----------|------------------|--------|--------|----------------------|-------------|
| 11.39             | ±.03      | 11.382           | ✓      |        | MT                   | FAB-02      |
| 11.86             | ±.03      | 11.808           | ✓      |        | MT                   | FAB-02      |
| 13.27             | ±.03      | 13.27            | ✓      |        | MT                   | FAB-01      |
| 1.15              | ±.03      | 1.153            | ✓      |        | MT                   | FAB-02      |
| 3.00              | ±.03      | 3.011            | ✓      |        | MT                   | FAB-02      |
| 3.26              | ±.03      | 3.265            | ✓      |        | MT                   | FAB-01      |
| 7.08              | ±.03      | 7.008            | ✓      |        | MT                   | FAB-02      |
| 10.74             | ±.03      | 10.758           | ✓      |        | MT                   | FAB-02      |
| 11.00             | ±.03      | 11.009           | ✓      |        | MT                   | Prod-w-3-01 |
| 11.63             | ±.03      | 11.635           | ✓      |        | MT                   | Prod-w-3-02 |
| 15.29             | ±.03      | 15.29            | ✓      |        | MT                   | FAB-01      |
| 15.48             | ±.03      | 15.48            | ✓      |        | MT                   | FAB-01      |
| 19.48             | ±.03      | 19.48            | ✓      |        | MT                   | FAB-01      |
| 23.48             | ±.03      | 23.48            | ✓      |        | MT                   | FAB-01      |
| 23.67             | ±.03      | 23.67            | ✓      |        | MT                   | FAB-01      |
| 24.11             | ±.03      | 24.11            | ✓      |        | MT                   | FAB-01      |
| 27.46             | ±.03      | 27.46            | ✓      |        | MT                   | FAB-01      |
| 28.08             | ±.03      | 28.08            | ✓      |        | MT                   | FAB-01      |
| 30.05             | ±.03      | 30.05            | ✓      |        | MT                   | FAB-01      |
| 33.34             | ±.03      | 33.35            | ✓      |        | MT                   | FAB-01      |
| 33.40             | ±.03      | 33.40            | ✓      |        | MT                   | FAB-01      |
| 35.33             | ±.03      | 35.33            | ✓      |        | MT                   | FAB-01      |

|  |  |                              |
|--|--|------------------------------|
| Measured by: <br>Date: 12-5-1 | Audited by: <br>Date: | Prototype Approval:<br>Date: |
| Rev A     Date     Change<br>New Issue   | Revised by: KJ/JLM<br>Approved:  |                              |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries





| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |  |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|      |      |                    |    |      |     |                                     |                          |  |
|      |      |                    |    |      |     |                                     |                          |  |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries